

Name: _____

at1110paper__practice__test (v3)

1. Solve the equation.

$$(7x + 3)(5x - 2) = 0$$

2. Solve the equation with factoring by grouping.

$$20x^2 - 15x - 8x + 6 = 0$$

3. Factor the expression.

$$x^2 - 2x - 48$$

4. Solve the equation.

$$8x^2 + 9x - 13 = 3x^2 + 5x - 4$$

5. Expand the following expression into standard form.

$$(3x + 7)(3x - 7)$$

6. Expand the following expression into standard form.

$$(9x + 2)(5x - 7)$$

7. Factor the expression.

$$49x^2 - 36$$

8. Expand the following expression into standard form.

$$(4x + 5)^2$$